

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A transparent thin-film solar-cell module comprising a multilayer film comprising a first electrode layer, a semiconductor layer, and a second electrode layer stacked in that order on a main surface of a transparent insulating substrate; a cell region comprising a plurality of photoelectric conversion cells connected in series; and a plurality of light-transmissive aperture holes in the cell region, the plurality of light-transmissive aperture holes being formed along lines arranged at intervals in a range of 0.5 mm to 3 mm and each crossing said cells connected in series by removing at least the second electrode layer and the semiconductor layer with irradiation of laser light, the light-transmissive aperture holes each having a diameter in a range of 30  $\mu\text{m}$  to 500  $\mu\text{m}$ , the plurality of light-transmissive aperture holes being disposed in a line at a distance between the centers of the light-transmissive aperture holes of 1.01 to 2 times the diameter of each light-transmissive aperture hole.

2. (Original) The transparent thin-film solar-cell module according to claim 1, wherein the plurality of light-transmissive aperture holes are disposed in a straight line at intervals of 1.01 to 1.5 times the diameter of each light-transmissive aperture hole.

3. (Canceled)

4. (Previously Presented) The transparent thin-film solar-cell module according to claim 1, wherein the area ratio of the total area of the light-transmissive aperture holes to the area of the cell region is 5% to 30%.

5. (Previously Presented) The transparent thin-film solar-cell module according to claim 1, wherein the light-transmissive aperture holes are disposed in a line parallel to the series-connection direction of the photoelectric conversion cells.

6. (Previously Presented) The transparent thin-film solar-cell module according to claim 1, wherein the light-transmissive aperture holes are disposed in lines parallel to each other at regular intervals.

7. (Currently Amended) The transparent thin-film solar-cell module according to claim 1, further comprising a back sealer, wherein [[a]] the back sealer is composed of a fluorocarbon resin or glass.

8. (Original) A method for producing the transparent thin-film solar-cell module according to claim 1, the method comprising forming the light-transmissive aperture holes by irradiating the multilayer film with laser light, wherein the distance between the centers of adjacent light-transmissive aperture holes disposed in a straight line is determined by the frequency of Q-switching of the laser light and a relative scanning velocity between the transparent insulating substrate and the laser light.

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9. (Original) A method for producing the transparent thin-film solar-cell module according to claim 1, the method comprising  
performing reverse-bias treatment after forming the light-transmissive aperture holes.